SECTION 5

TELEPHONE AND INFORMATION

Telephone (Hands–free system for cellular phone) —

Hands–free system allows you to make or receive a call without taking your hands off the steering wheel by connecting your cellular phone.

This system supports Bluetooth®. Bluetooth® is a wireless data system by which you can call without your cellular phone being connected with a cable or placed on a cradle.

If your cellular phone does not support Bluetooth®, this system can not function.

The operating procedure of the phone is explained here.

For registering and setting of the phone, see “Telephone settings” on page 363.

 CAUTION

While driving, do not use a cellular phone or connect the Bluetooth® phone.

NOTICE

Do not leave your cellular phone in the car. The temperature inside may be high and damage the phone.

INFORMATION

- ***In the following conditions, the system may not function.***
  - ***The cellular phone is turned off.***
  - ***The current position is outside the communication area.***
  - ***The cellular phone is not connected.***
  - ***The cellular phone has a low battery.***
- ***Even if your cellular phone supports both hands–free and audio Bluetooth® connections, it may not be able to connect to the hands–free connection at the same time.***
- ***When using Bluetooth® audio and hands–free at the same time, the following problems may occur.***
  - ***The Bluetooth® connection may be cut.***
  - ***Noise may be heard on the Bluetooth® audio playback.***

Bluetooth is a registered trademark of Bluetooth SIG, Inc.

INFORMATION

This system supports the following service.

- *Bluetooth® Specification Ver.1.1 or higher (Recommended: Ver.2.0+EDR or higher)*
- *Profiles*
  - *HFP (Hands Free Profile) Ver.1.0 or higher (Recommended: Ver.1.5 or higher)*
  - *OPP (Object Push Profile) Ver.1.1*
  - *PBAP (Phone Book Access Profile) Ver.1.0*

If your cellular phone does not support HFP, you cannot register the Bluetooth® phone, or use OPP or PBAP profiles individually.

Please go to “http://www.lexus.com/” to find approved Bluetooth® phones for this system.

By pushing the telephone switch above, you can receive a call or hang up without taking your hands off the steering wheel.

▶ **Microphone**

You can use the microphone above when talking on the phone.

The other party’s voice outputs from the front speaker. When the received calls or received voice outputs, the audio from the audio system or voice guidance from the navigation system will be muted.

INFORMATION

- ***Talk alternately with the other party on the phone. If you talk at the same time, the voice may not reach each other. (It is not a malfunction.)***
- ***Keep call volume down. Otherwise, the other party's voice may be audible outside the vehicle and voice echo may increase. When you talk on the phone, speak clearly towards the microphone.***
- ***In the following situations, your voice may not reach the other party.***
  - ***Driving on unpaved road. (Making a traffic noise.)***
  - ***Driving at the high speed.***
  - ***The window is open.***
  - ***Turning the air–conditioning vents towards the microphone.***
  - ***The sound of the air–conditioning fan is loud.***
  - ***There is an effect from the network of the cellular phone.***

1 **Indicates the condition of Bluetooth® connection.**

"Blue" indicates an excellent connection to Bluetooth®.

"Yellow" indicates a bad connection to Bluetooth®, resulting in possible deterioration of voice quality.

: No connection to Bluetooth®.

2 **Indicates the amount of battery charge left.**

This is not displayed when the Bluetooth® is not connected.

The amount left does not always correspond with the one of your cellular phone. The amount of battery charge left may not be displayed depending on the phone you have. This system doesn't have a charging function.

3 **Indicates the receiving area.**

"Rm" is displayed when receiving in Roaming area.

"Hm" is displayed when receiving in Home area.

The receiving area may not be displayed depending on the phone you have.

4 Indicates the level of reception.

Poor ←——→ **Excellent**

The level of reception does not always correspond with the one of your cellular phone.

The level of reception may not be displayed depending on the phone you have.

When you are out of the service area or in a place inaccessible by radio waves, "No Service" is displayed.

An antenna for the Bluetooth® connection is built in the instrument panel. The indication of the Bluetooth® connection may turn yellow and the system may not function when you use the Bluetooth® phone in the following conditions and places.

- Your cellular phone is obstructed by certain objects (such as when it is behind the seat or in the glove box and console box).
- Your cellular phone touches or is covered with metal materials.

Leave the Bluetooth® phone in a place where "Blue" indication is displayed.

About the phonebook in this system

The following data is stored for every registered phone. When another phone is connecting, you cannot read the registered data.

- Phonebook data
- Voice tag
- All of call history
- Speed dial

When you delete the phone, the above−mentioned data is also deleted.

When you release your car:

A lot of personal data is registered when you use the Hands−free system. When you release your car, initialize your data. (See "● Delete personal data" on page 347.)

Once initialized, the data and settings will be erased. Pay much attention when initializing the data.

You can initialize the following data in the system.

- Phonebook data
- Call history data
- Speed dial data
- Voice tag data
- Bluetooth® phone data
- Volume setting
- Details setting

FCC ID : AJDK021
IC : 775E-K021

This device complies with Part 15 of the FCC Rules and RSS-Gen and RSS-210 of IC Rules. Operation is subject to the following two conditions : (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

FCC WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION: Radio Frequency Radiation Exposure
This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

Co-location: This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

— Enter a Bluetooth® phone

To use the hands-free system, you need to enter your phone into the system. Once you have registered it, you can make a hands-free call.

If you haven't yet registered any Bluetooth® phones, you must first register your phone according to the following procedure.

Please see "● Registering a Bluetooth® phone" on page 365 of additional registration when registering.

1. Push the "MENU" button and select "Info./Phone".

2. Select "Phone".

3. Select “Yes” to connect your phone.

4. When this screen is displayed, input the passcode displayed on the screen into the phone.

For the operation of the phone, see the manual that comes with your cellular phone.

If you want to cancel it, select **“Cancel”**.

5. When the connection is completed, this screen is displayed.

You do not need to enter the phone in case of using the same one.

When this screen is displayed, follow the guidance on the screen to try again.

● **Connecting a Bluetooth® phone AUTOMATICALLY**

When you register your phone, auto connection will be turned on. Always set it to this mode and leave the Bluetooth® phone in a condition where connection can be established.

When the "POWER" <"ENGINE START STOP"> switch is in ACCESSORY or ON <IGNITION ON> mode, a nearby cellular phone you have registered is searched for.

Next, the system automatically connects with the latest of the phones connected to in the past.
Then, the connection result is displayed.

This screen appears when the Bluetooth® phone is first connected after the "POWER" <"ENGINE START STOP"> switch is in ACCESSORY or ON <IGNITION ON> mode.

INFORMATION

It may take time if the phone connection is carried out during Bluetooth® audio playback.

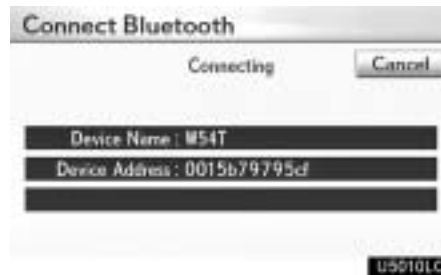
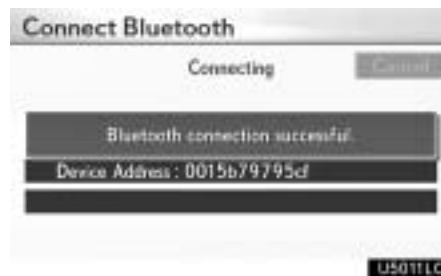
MANUALLY

When the auto connection has failed or "Handsfree Power" is turned off, you have to connect Bluetooth® manually.

1. Push the "MENU" button and select "Info./Phone".

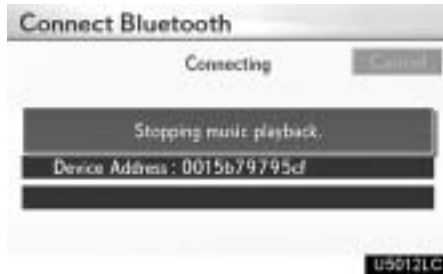
2. Select "Phone".

3. Select "Connect Phone".

4. Select "Handsfree Power", or select the phone to connect.

5. The "Connect Bluetooth*" screen is displayed.

6. When the connection is completed, this screen is displayed.

Now you can use the Bluetooth® phone.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

When you connect the phone while Bluetooth® audio is playing

This screen is displayed, and the Bluetooth® audio will stop temporarily.

- **Reconnecting the Bluetooth® phone**

If the Bluetooth® phone is disconnected with a poor reception from the Bluetooth® network when the “POWER” <“ENGINE START STOP”> switch is in ACCESSORY or ON <IGNITION ON> mode, the system automatically reconnects the Bluetooth® phone. In this case, the connection result is not displayed.

If the Bluetooth® is disconnected on purpose such as you turned your cellular phone off, this does not happen. Reconnect it by the following methods.

- Select the Bluetooth® phone again.
- Enter the Bluetooth® phone.

— Call on the Bluetooth® phone

After you enter the Bluetooth® phone, you can call by using hands−free system. You can call using the 6 methods described below.

- **By dial**

You can call by inputting the phone number.

This cannot be operated while driving.

1. Push the "MENU" button and select "Info./Phone".

You can also push of the steering wheel to display the "Phone" screen.

2. Select "Phone".

3. Select the desired key to input the phone number.

Each time you select , an inputted digit is deleted.

When you select **"Redial"**, the number you called last is inputted.

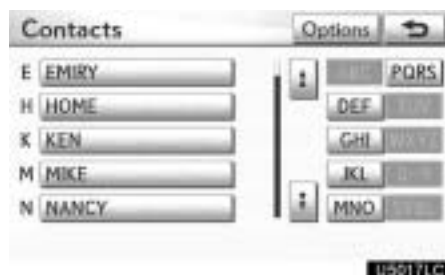
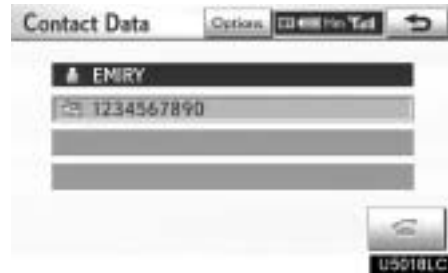
Select or push of the steering wheel.

● **By phonebook**

You can call by phonebook data which is transferred from your cellular phone.

The phonebook changes dependent on the phone connected. You can register up to 1000 numbers in each phonebook.

This cannot be operated while driving.

1. Select "Contacts".

2. Select the desired data from the list.

3. Select the desired number from the list.

Select or push of the steering wheel.

When the phonebook is empty

1. Select “Contacts”.

2. Select “Yes” if you want to transfer new contacts from a cellular phone.

Select “No” if you want to edit the phonebook.

● **By speed dial**

You can call using registered phone numbers which can be selected from a phonebook. (See “● Registering the speed dial” on page 383 for registering the speed dial.)

This can be done while driving.

1. Select “Speed Dials”.

2. Select the desired number to call.

You can change the page by selecting “Speed Dial 2” or “Speed Dial 3” tab.

● **By call history**

You can call by call history which has 4 functions below.

"All": all numbers (missed, incoming or outgoing)

"Missed": calls which you missed

"Incoming": calls which you received

"Outgoing": numbers which you called

You can call using the latest 5 call history items shown by **"All"** while driving.

1. Select "Call History".

2. Select the desired data from the list.

When the list is switched, select "All", "Missed", "Incoming" or "Outgoing" tab.

3. Select [icon] or push [icon] of the steering wheel.

You can call using the latest call history item.

1. Push of the steering wheel to display the “Phone” screen.

2. Push of the steering wheel to display the “Call History” screen.

3. Push of the steering wheel to select the latest history item.

4. Select or push of the steering wheel to call the latest history item.

- When you call by phonebook, the name (if registered) is displayed.
- When you call the same number continuously, only the newest number is registered.
- When a phone number registered in the phonebook is received, the name and the number are displayed.
- Number−withheld calls are also memorized in the system.
- International phone calls may not be made depending on the cellular phone which you have.

- **By voice recognition**

You can call by giving a command. (For the operation and command of voice recognition, see “Voice command system” on page 49.)

This can be operated while driving.

The “Dial by Name” operating procedure is explained here.

Other operating procedures are also similar.

DIALING BY NAME

You can call by giving a voice tag registered in the phonebook. For setting the voice recognition, see "—Setting the voice tag" on page 390.

When you select "English" of "Language", you can call by giving a name registered in the phonebook.

For setting the voice recognition, see "● Registering the phonebook data" on page 376.

Example: Call MIKE.

You: Push the talk switch.

System: "After the beep, please say a command." "Such as "Go Home", "Destination", "Phone", "Audio", "Information" or "Com mand List"." "(beep)"

You: "Phone."

System: "Phone." "Say a command." "Such as "Dial by Number", "Dial by Name", "Redial", "Call Back" or "Connect Phone"." "(beep)"

You: "Dial by Name."

System: "Dial by Name." "Say a name from your contact list." "(beep)"

You: “MIKE.”

System: “MIKE.” “Say the type of number.” “Such as “Mobile”, “Home”, “Work” or “Other”.” “(beep)”

You: “Home.”

System: “MIKE.” “Home.” “Push the off−hook switch to dial or say “Dial”.” “(beep)”

You: “Dial.”

System: “Dial.”

Now, you can call MIKE.

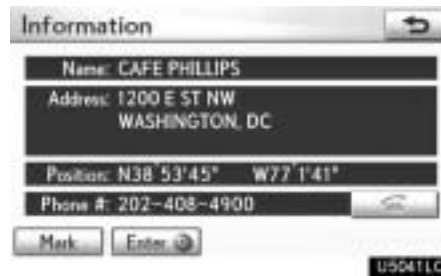
Calling without the voice recognition

After the entry number is displayed, you can also call by pushing of the steering wheel or selecting **“Dial”**.

Cancelling the voice recognition

The voice recognition will be cancelled when you do the following.

- Keep on pushing the talk switch.
- Push of the steering wheel.
- Select **“Cancel”**. (Except for recognizing the command.)
- Say “Cancel”.

- **By POI* call**

You can call by selecting when it is displayed on the screen from navigation system. (See “POI INFORMATION” on page 41 for details.)

*: Point of Interest

— Receive on the Bluetooth® phone

When a call is received, this screen is displayed with a sound. Select [icon] or push [icon] of the steering wheel to talk on the phone.

To refuse to receive the call:

Select [icon] or push [icon] of the steering wheel.

To adjust the volume of received call:
Select **"–"** or **"+"** or use the volume switch of the steering wheel.

During international phone calls, the other party's name may not be displayed correctly depending on the cellular phone which you have.

— Talk on the Bluetooth® phone

While you are talking on the phone, this screen is displayed. You can do the operation below on the screen.

To adjust the volume of the other party's voice:
Select **"–"** or **"+"** or use the volume switch of the steering wheel.

To hang up the phone:

Select [icon] or push [icon] of the steering wheel.

To mute your voice:
Select **"Mute"**.

To input a Key:
Select **"0–9"**.

To transfer the call:
Select **"Call Transfer"**.

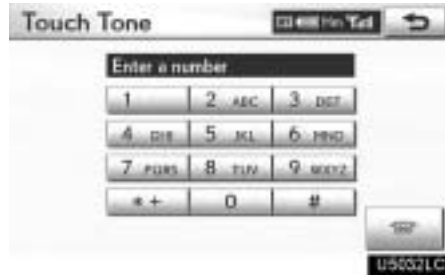
You cannot change from Hands–free call to cellular phone call while driving.

When you change from cellular phone call to Hands–free call, the Hands–free screen will be displayed and you can operate it on the screen.

Transferring method and behavior are different depending on the cellular phone which you have.

For the operation of the phone, see the manual that comes with your cellular phone.

When you select “0–9”

U5032LC

Select the desired number to input the key.

To hang up the phone:

Select [phone icon] or push [phone icon] of the steering wheel.

This cannot be operated while driving.

U5031LC

If the continuous tone signal is registered in a phonebook, this screen appears. (If not registered, “Send” and “Exit” are not displayed.)

Confirm the number displayed on the screen and select “Send”. The number before marked sign will be sent.

When you select **“Exit”**, this function will be finished and normal tone screen appears.

To hang up the phone:

Select [phone icon] or push [phone icon] of the steering wheel.

The continuous tone signal is the marked sign (p or w) and the number following phone number. (ex. 056133w0123p#1✻)

You can do this operation when you want to operate an answering machine or use a telephone service in bank for example. You can register the phone number and the code number in the phonebook.

● **By voice recognition**

You can operate “Mute” and “Send Tones” by giving a command during a call.

The operating procedure is similar to other voice recognition. (For the operation of voice recognition, see “Voice command system” on page 49.)

● **Incoming call waiting**

When the call is interrupted by a third party while talking, this screen is displayed.

Select [icon] or push [icon] of the steering wheel to start talking with the other party.

Select [icon] or push [icon] of the steering wheel to refuse the call.

Everytime you select [icon] or push [icon] of the steering wheel while interrupt call, the other party will be switched.

If your cellular phone is not accepted for HFP Ver. 1.5, this function can not be used.

INFORMATION

Interrupt call operation may differ depending on your phone company and cellular phone.

Fuel consumption (vehicles with hybrid system)

Fuel consumption such as shown below can be displayed on the screen. For details see Section 1–1 of the vehicle owner's manual.

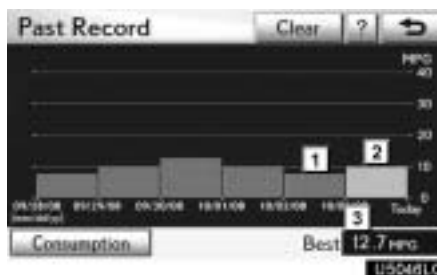
- **Energy monitor**
- **Consumption**
- **Past record**

Fuel consumption (vehicles with gasoline engine) — — Past record

Fuel consumption information from recent resets will be displayed.

1. Push the "MENU" button and select "Info./Phone".

2. Select "Fuel Consumption".

If the "Past Record" screen does not appear, select **"Past Record"**.

"Past Record" screen will be displayed.

1 Fuel economy since the last reset

2 Current fuel economy

3 Best recorded fuel economy

The average fuel consumption history is divided by color into past averages and the average fuel consumption since the last reset.

Reset the average fuel consumption to measure the current fuel consumption again. For more information on resetting fuel consumption, see the vehicle owner's manual.

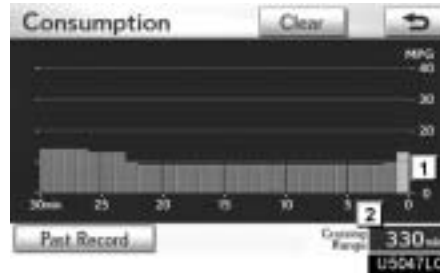
Past record data can be deleted by selecting **"Clear"**.

— Consumption

The average fuel consumption of the last 30 minutes will be shown in one−minute blocks.

1. Push the “MENU” button and select “Info./Phone”.

2. Select “Fuel Consumption” on the“Information” screen.

If the “Consumption” screen does not appear, select **“Consumption”.**

“Consumption” screen will be displayed.

1 Fuel consumption in the past 30 minutes

2 Cruising range

Average fuel consumption is divided by color into past averages and averages attained since the “ENGINE START STOP” switch was last turned to IGNITION ON mode.

Consumption data can be deleted by selecting **“Clear”.**

Calendar

To view calendar.

1. Push the “MENU” button and select “Info./Phone”.

2. Select “Calendar”.

On this screen, the current date is highlighted in yellow.

▲M or ▼M: To change month.

▲Y or ▼Y: To change year.

“Today”: To display the current month calendar (if another month will be displayed).